



SEQUENCE LISTING

1
2 (1)GENERAL INFORMATION:
3 (i) APPLICANT:Wayner, E.A.
4 (ii)TITLE OF INVENTION:INHIBITION OF LYMPHOCYTE ADHERENCE TO VASCULAR ENDOTHELIUM
5 (iii)NUMBER OF SEQUENCES: 12
6 (iv)CORRESPONDENCE ADDRESS:
7 (A)ADDRESSEE:Christensen, O'Connor, Johnson and Kindness
8 (B)STREET:2800 Pacific First Center, 1420 Fifth Avenue
9 (C)CITY:Seattle
10 (D)STATE:Washington
11 (E)COUNTRY:USA
12 (F)ZIP:98101-2347
13 (v)COMPUTER READABLE FORM:
14 (A)MEDIUM TYPE:Diskette-5.25 inch, 1.2Mb storage
15 (B)COMPUTER:IBM PC/386 Compatible
16 (C)OPERATING SYSTEM:MS-DOS 4.01
17 (D)SOFTWARE:Word for Windows-t
18 (vi)CURRENT APPLICATION DATA:
19 (A)APPLICATION NUMBER:07/814,873
20 (B)FILING DATE:December 24, 1991
21 (vii)PRIOR APPLICATION DATA:
22 (A)APPLICATION NUMBER:07/402,389
23 (B)FILING DATE:September 1, 1989
24 (viii)ATTORNEY/AGENT INFORMATION:
25 (A)NAME:Sundsmo, John, S.
26 (B)REGISTRATION NUMBER:34,446
27 (C)REFERENCE/DOCKET NUMBER:CYTE-1-6162
28 (ix)TELECOMMUNICATION INFORMATION
29 (A)TELEPHONE:1-206-682-8100; 1-206-224-0727 (direct)
30 (B)TELEFAX:1-206-224-0779
31 (C)TELEX:4938023
32 (2)INFORMATION FOR SEQ ID NO:1:
33 (i)SEQUENCE CHARACTERISTICS:
34 (A)LENGTH:46 amino acids
35 (B)TYPE:amino acid
36 (D)TOPOLOGY:linear
37 (ii)MOLECULE TYPE:polypeptide
38 (A)DESCRIPTION: fibronectin IIICS domain; Fig. 9A; DELPQ LVTLP HPNLH GPEIL DVPST VQKTP F
39 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:1:
40 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His
41 5 10 15
42 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr Val Gln Lys Thr Pro
43 20 25 30
44 Phe Val Thr His Pro Gly Tyr Asp Thr Gly Asn Gly Ile Gln Leu
45 35 40 45
46 Pro
47 46
48 (3)INFORMATION FOR SEQ ID NO:2:
49 (i)SEQUENCE CHARACTERISTICS:
50 (A)LENGTH:25 amino acids
51 (B)TYPE:amino acid
52 (D)TOPOLOGY:linear
53 (ii)MOLECULE TYPE:polypeptide

No errors

Patent Application US/07/814,873

54 (A)DESCRIPTION:CS-1 domain; Fig. 9A;DELPQ LVTLP HPNLH GPEIL DVPST
55 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:2:
56 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His
57 5 10 15
58 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr
59 20 25
60 (3)INFORMATION FOR SEQ ID NO:3:
61 (i)SEQUENCE CHARACTERISTICS:
62 (A)LENGTH:25 amino acids
63 (B)TYPE:amino acid
64 (D)TOPOLOGY:linear
65 (ii)MOLECULE TYPE:polypeptide
66 (A)DESCRIPTION:CS-2 domain; Fig. 9A;VPSTV QKTPF VTHPG YDTGN GIQLP
67 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:3:
68 Val Pro Ser Thr Val Gln Lys Thr Pro Phe Val Thr His Pro Gly
69 5 10 15
70 Tyr Asp Thr Gly Asn Gly Ile Gln Leu Pro
71 20 25
72 (3)INFORMATION FOR SEQ ID NO:4:
73 (i)SEQUENCE CHARACTERISTICS:
74 (A)LENGTH:13 amino acids
75 (B)TYPE:amino acid
76 (D)TOPOLOGY:linear
77 (ii)MOLECULE TYPE:peptide
78 (A)DESCRIPTION: A13; Fig. 9B;DELPQ LVTLP HPN
79 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:4:
80 Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn
81 5 10
82 (3)INFORMATION FOR SEQ ID NO:5:
83 (i)SEQUENCE CHARACTERISTICS:
84 (A)LENGTH:12 amino acids
85 (B)TYPE:amino acid
86 (D)TOPOLOGY:linear
87 (ii)MOLECULE TYPE:peptide
88 (A)DESCRIPTION:B12; Fig. 9B;LHGPE ILDVP ST
89 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:5:
90 Leu His Gly Pro Glu Ile Leu Asp Val Pro Ser Thr
91 5 10
92 (3)INFORMATION FOR SEQ ID NO:6:
93 (i)SEQUENCE CHARACTERISTICS:
94 (A)LENGTH:10 amino acids
95 (B)TYPE:amino acid
96 (D)TOPOLOGY:linear
97 (ii)MOLECULE TYPE:peptide
98 (A)DESCRIPTION:GPEIL DVPST
99 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:6:
100 Gly Pro Glu Ile Leu Asp Val Pro Ser Thr
101 5 10
102 (3)INFORMATION FOR SEQ ID NO:7:
103 (i)SEQUENCE CHARACTERISTICS:
104 (A)LENGTH:8 amino acids
105 (B)TYPE:amino acid
106 (D)TOPOLOGY:linear

Patent Application US/07/814,873

107 (ii)MOLECULE TYPE:peptide
108 (A)DESCRIPTION:EILDV PST
109 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:7:
110 Glu Ile Leu Asp Val Pro Ser Thr
111 5
112 (3)INFORMATION FOR SEQ ID NO:8:
113 (i)SEQUENCE CHARACTERISTICS:
114 (A)LENGTH:6 amino acids
115 (B)TYPE:amino acid
116 (D)TOPOLOGY:linear
117 (ii)MOLECULE TYPE:peptide
118 (A)DESCRIPTION:LDVPST
119 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:8:
120 Leu Asp Val Pro Ser Thr
121 5
122 (3)INFORMATION FOR SEQ ID NO:9:
123 (i)SEQUENCE CHARACTERISTICS:
124 (A)LENGTH:4 amino acids
125 (B)TYPE:amino acid
126 (D)TOPOLOGY:linear
127 (ii)MOLECULE TYPE:peptide
128 (A)DESCRIPTION:VPST
129 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:9:
130 Val Pro Ser Thr
131 4
132 (3)INFORMATION FOR SEQ ID NO:10:
133 (i)SEQUENCE CHARACTERISTICS:
134 (A)LENGTH:5 amino acids
135 (B)TYPE:amino acid
136 (D)TOPOLOGY:linear
137 (ii)MOLECULE TYPE:peptide
138 (A)DESCRIPTION:EILDV
139 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:10:
140 Glu Ile Leu Asp Val
141 5
142 (3)INFORMATION FOR SEQ ID NO:11
143 (i)SEQUENCE CHARACTERISTICS:
144 (A)LENGTH:3 amino acids
145 (B)TYPE:amino acid
146 (D)TOPOLOGY:linear
147 (ii)MOLECULE TYPE:peptide
148 (A)DESCRIPTION:LDV
149 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:11
150 Leu Asp Val
151 3
152 (3)INFORMATION FOR SEQ ID NO:12
153 (i)SEQUENCE CHARACTERISTICS:
154 (A)LENGTH:4 amino acids
155 (B)TYPE:amino acid
156 (D)TOPOLOGY:linear
157 (ii)MOLECULE TYPE:peptide
158 (A)DESCRIPTION:RGDS (control)
159 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:12

Patent Application US/07/814,873

160 Arg Gly Asp Ser
161 4
162
163
164

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/07/814,873

DATE: 11/20/92
TIME: 12:01:12

LINE ERROR

ORIGINAL TEXT

19 Wrong application Serial Number

(A)APPLICATION NUMBER:07/814,873



PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/07/814,873

DATE: 11/20/92
TIME: 12:01:12

MANDATORY IDENTIFIER THAT WAS NOT FOUND

CLASSIFICATION
STRANDEDNESS

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/07/814,873

DATE: 11/20/92
TIME: 12:01:12

LINE ORIGINAL TEXT

CORRECTED TEXT

28 (ix)TELECOMMUNICATION INFORMATION
48 (3)INFORMATION FOR SEQ ID NO:2:
60 (3)INFORMATION FOR SEQ ID NO:3:
72 (3)INFORMATION FOR SEQ ID NO:4:
82 (3)INFORMATION FOR SEQ ID NO:5:
92 (3)INFORMATION FOR SEQ ID NO:6:
102 (3)INFORMATION FOR SEQ ID NO:7:
112 (3)INFORMATION FOR SEQ ID NO:8:
122 (3)INFORMATION FOR SEQ ID NO:9:
132 (3)INFORMATION FOR SEQ ID NO:10:
142 (3)INFORMATION FOR SEQ ID NO:11
149 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:11
152 (3)INFORMATION FOR SEQ ID NO:12
159 (ix)SEQUENCE DESCRIPTION: SEQ ID NO:12

(ix) TELECOMMUNICATION INFORMATION:
(2) INFORMATION FOR SEQ ID NO:2:
(2) INFORMATION FOR SEQ ID NO:3:
(2) INFORMATION FOR SEQ ID NO:4:
(2) INFORMATION FOR SEQ ID NO:5:
(2) INFORMATION FOR SEQ ID NO:6:
(2) INFORMATION FOR SEQ ID NO:7:
(2) INFORMATION FOR SEQ ID NO:8:
(2) INFORMATION FOR SEQ ID NO:9:
(2) INFORMATION FOR SEQ ID NO:10:
(2) INFORMATION FOR SEQ ID NO:11:
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:11:
(2) INFORMATION FOR SEQ ID NO:12:
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:12: